

REMARKS/ARGUMENTS

Reconsideration of this application is requested. Claims 35-68 are in the case.

I. SPECIFICATION

An amended Abstract is attached to this response in which Formula A is shown.

No new matter is entered.

II. THE FORMAL REJECTION

Claims 35-68 stand rejected under 35 U.S.C. §112, second paragraph, for the reasons stated on pages 2 and 3 of the Action. In particular, the Examiner requests that proper Markush language be presented in the claims.

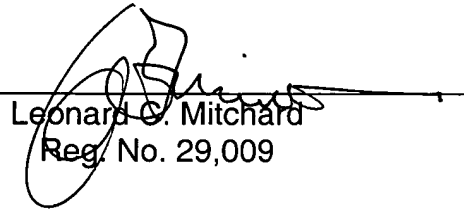
In response, the claims have been amended to present Markush language where appropriate. In addition the points noted with respect to claims 41 and 43 have received attention. Withdrawal of the formal rejection is respectfully requested.

Favorable action is awaited.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: _____

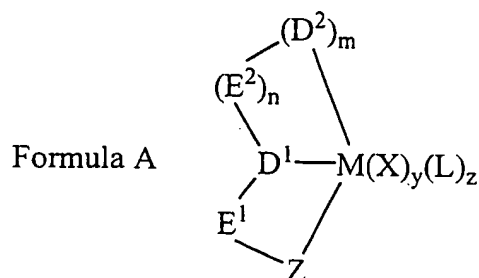

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ABSTRACT OF THE DISCLOSURE

A polymerisation catalyst comprising (1) a transition metal compound of Formula

A



and optionally (2) an activating quantity of a Lewis acid activator. Z is a five-membered heterocyclic group containing at least one carbon atom, at least one nitrogen atom and at least one other hetero atom selected from nitrogen, sulphur and oxygen, the remaining atoms in the ring being nitrogen or carbon; M is a metal from Group 3 to 11 of the Periodic Table or a lanthanide metal; E¹ and E² are divalent groups from (i) aliphatic hydrocarbon, (ii) alicyclic hydrocarbon, (iii) aromatic hydrocarbon, (iv) alkyl substituted aromatic hydrocarbon (v) heterocyclic groups and (vi) heterosubstituted derivatives of groups (i) to (v); D¹ and D² are donor groups; X is an anionic group, L is a neutral donor group; n = m = zero or 1; y and z are zero or integers. The catalysts are useful for polymerising or oligomerising 1-olefins.